

Amendments to the Claims

Please cancel Claims 1-28. Please add new Claims 29-41. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

- 1-28. (canceled)
29. (new) A method for promoting cardiac tissue repair comprising administering to the cardiac tissue a therapeutically effective amount of the peptide Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val-NH₂ (SEQ ID NO: 4).
30. (new) The method of Claim 29 wherein the peptide is administered during or following cardiac surgery.
31. (new) The method of Claim 29 wherein the peptide is administered by injection into the cardiac tissue.
32. (new) The method of Claim 29 wherein a sustained release formulation comprising the peptide is administered to the cardiac tissue.
33. (new) The method of Claim 32 wherein the sustained release formulation is a polylactic acid/polyglycolic acid microparticles comprising the peptide.
34. (new) A method of stimulating revascularization of cardiac tissue comprising administering to cardiac tissue comprising administering to the cardiac tissue a therapeutically effective amount of the peptide Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val-NH₂ (SEQ ID NO: 4).

35. (new) A method of inhibiting restenosis in a patient following balloon angioplasty, said method comprising administering to the patient a therapeutically effective amount of the peptide Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val-NH₂ (SEQ ID NO: 4).
36. (new) The method of Claim 35 wherein the peptide is coated onto a balloon angioplasty catheter.
37. (new) The method of Claim 35 wherein the peptide is administered systemically.
38. (new) The method of Claim 35 wherein the peptide is administered locally to a balloon induced damaged area of a blood vessel.
39. (new) The method of Claim 35 wherein a stent coated with the peptide is inserted into a blood vessel at a balloon induced damaged area.
40. (new) A stent coated with the peptide Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val-NH₂ (SEQ ID NO: 4).
41. (new) A method of inhibiting vascular occlusion in a patient, said method comprising administering to the patient a therapeutically effective amount of the peptide Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val-NH₂ (SEQ ID NO: 4).